

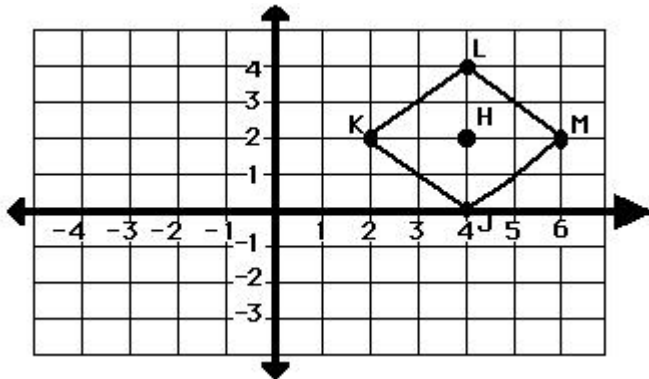
6th Math 3.2a

Name: _____

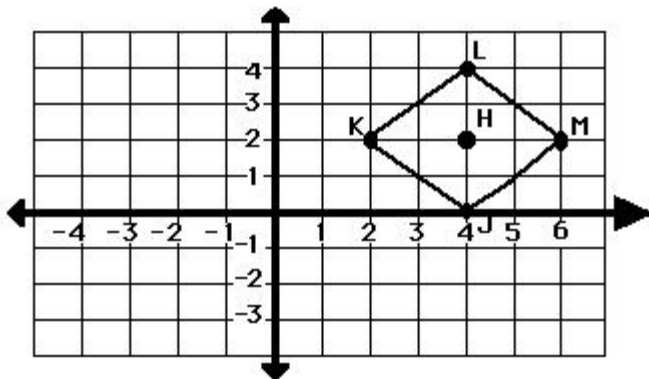
Class: _____

Date: _____

1. What will the coordinates of point K be if figure LMJK is rotated around point H so that point J is at (2, 2)?

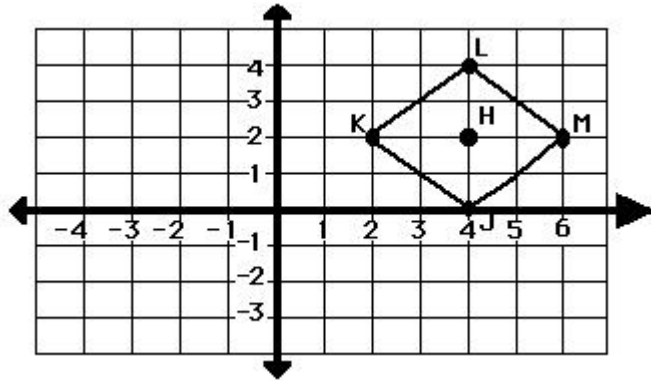


- A. (4, 0)
B. (2, 2)
C. (6, 2)
D. (4, 4)
2. What will the coordinates of point M be if figure LMJK is rotated around point H so that point K is at (6, 2)?

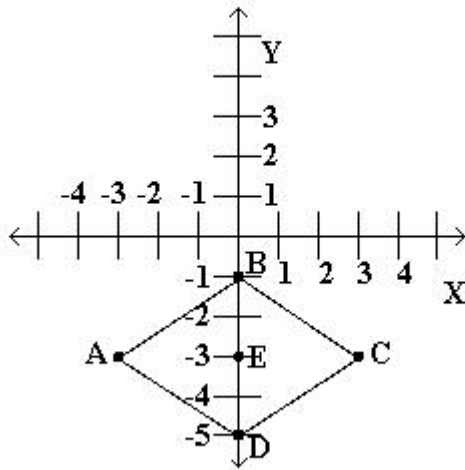


- A. (4, 0)
B. (2, 2)
C. (6, 2)
D. (4, 4)

3. What will the coordinates of point L be if figure LMJK is rotated around point H so that point J is at (4, 4)?

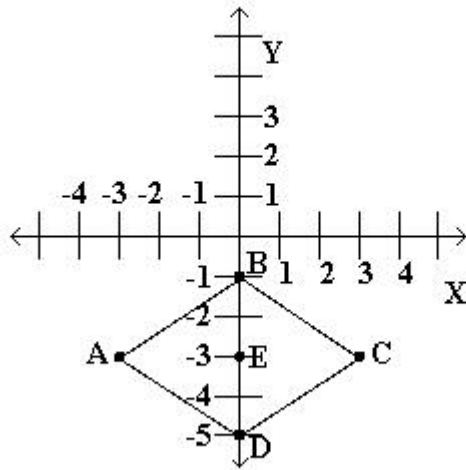


- A. (4, 0)
 B. (2, 2)
 C. (6, 2)
 D. (4, 4)
4. What will the coordinates of point C be if figure ABCD is rotated around point E so that point A is at (0, 0)?

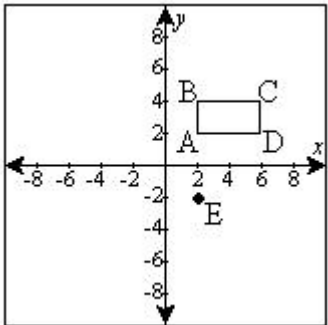


- A. (-3, -3)
 B. (0, -1)
 C. (3, -3)
 D. (0, -6)

5. What will the coordinates of point D be if the figure ABCD is rotated around point E so that point B is at (0, -5)?

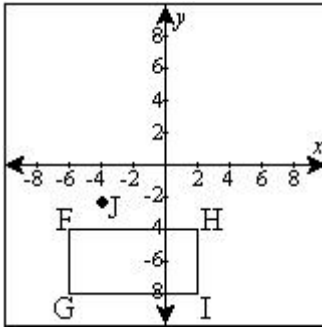


- A. (-3, -3)
 B. (0, -1)
 C. (3, -3)
 D. (0, -5)
6. What will the coordinates of point C be if figure ABCD is rotated counter clockwise around point E so that point A is at (-2, -2)?

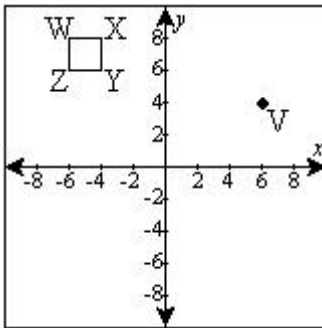


- A. (-2, -2)
 B. (-4, -2)
 C. (-2, 2)
 D. (-4, 2)

7. What will the coordinates of point I be if figure FGIH is rotated counter clockwise around point J so that point H is at $(-2, 4)$?

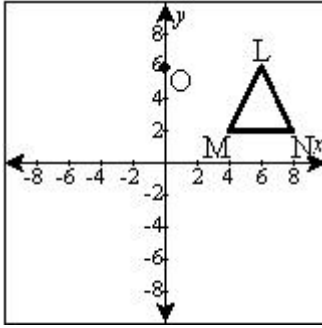


- A. $(2, 4)$
 B. $(-2, -4)$
 C. $(-2, 4)$
 D. $(2, -4)$
8. What will the coordinates of point W be if figure WXYZ is rotated counter clockwise around point V so that point Z is at $(4, -8)$?

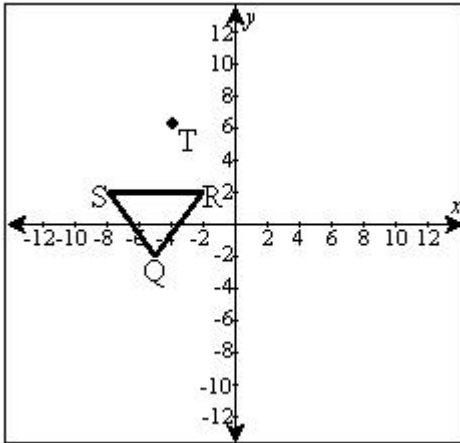


- A. $(4, -8)$
 B. $(4, -6)$
 C. $(2, -6)$
 D. $(2, -8)$

9. What will the coordinates of point N be if figure LMN is rotated counter clockwise around point O so that point L is at (0, 0)?



- A. (0, 6)
 B. (-4, -2)
 C. (0, 0)
 D. (-4, 2)
10. What will the coordinates of point S be if figure QRS is rotated counter clockwise around point T so that point Q is at (-12, 7)?



- A. (-8, 4)
 B. (-4, 6)
 C. (-12, 7)
 D. (-8, 10)